

What is claimed is:

1. An abrading tool, comprising:
a base having first and second ends;
a handle extending from the base;
a first cam mechanism pivotally attached to the base first end; and
a second cam mechanism pivotally attached to the base second end.
2. The abrading tool of claim 1, wherein each cam mechanism includes a pivot arm with a cam body extending from the pivot arm, the cam body exerting compressive force against the base when in a locked position, the cam body being disengaged from the base when in an unlocked position.
3. The abrading tool of claim 2, wherein the cam body is manufactured from compressible material.
4. The abrading tool of claim 2, wherein each cam mechanism includes a lock to secure the pivot arms in the locked positions.
5. The abrading tool of claim 4, wherein each lock includes a ledge extending from one of the base first and second ends, the pivot arms being adapted to rotate past the ledges, the pivot arms having an inner recess, the inner recess having an arc of rotation, the ledge lying in the arc of rotation.
6. The abrading tool of claim 4, wherein the abrading tool is made of plastic.
7. The abrading tool of claim 1, further including a compressible layer provided on a bottom surface of the base.

8. An abrading tool, comprising:
a base manufactured of flexible material; and
a rigid cover removably mounted to the base and adapted to trap an abrading sheet between the base and cover.
9. The abrading tool of claim 8, wherein the rigid cover including a plurality of teeth on an inside thereof.
10. The abrading tool of claim 9, wherein the base includes a plurality of recesses opposite each of the teeth.
11. The abrading tool of claim 8, wherein the base includes a central mounting hub adapted to be received within a central recess of the cover, the mounting hub having a relaxed width greater than a relaxed width of the central recess.
12. The abrading tool of claim 11, wherein the cover includes first and second deformable ears flanking the recess.
13. The abrading tool of claim 11, wherein the base further includes first and second flexing grooves laterally flanking the mounting hub.
14. The abrading tool of claim 11, wherein the base is manufactured of rubber, and the cover is manufactured from hard plastic.

15. An abrading tool, comprising:
 - a base having first and second ends;
 - a handle extending from the base;
 - a first spring biased clamp mounted to the base first end; and
 - a second spring biased clamp mounted to the base second end.
16. The abrading tool of claim 15, wherein the base and handle are manufactured from a unitary piece of plastic.
17. The abrading tool of claim 15, wherein each of the first and second clamps includes a lever connected to the base by a pivot pin and a spring compressed between a backside of the lever and the base.
18. The abrading tool of claim 15, wherein the first and second clamps include at least one engagement tooth.
19. The abrading tool of claim 18, wherein the base includes at least one recess adapted to receive each engagement tooth.
20. The abrading tool of claim 15, further including a layer of compressible material provided on a bottom surface of the base.